

09/64/101

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**Basic Patent (Number,Kind,Date):** WO 9961823 A1 19991202**Patent Family:**

Patent Number	Kind	Date	Application Number	Kind	Date
AU 9937662	A1	19991213	AU 9937662	A	19990428
<u>US 6039304</u>	A	20000321	US 84698	A	19980526
WO 9961823	A1	19991202	WO 99US9138	A	19990428 (Basic)

Priority Data:

Patent Number	Kind	Date
US 84698	A	19980526
WO 99US9138 W		19990428

PATENT FAMILY:**Australia (AU)**

Patent (Number,Kind,Date): AU 9937662 A1 19991213

BALL VALVE WITH MODIFIED CHARACTERISTICS (English)

Patent Assignee: BELIMO AIR CONTROL USA INC; CARLSON BENGT A; BUCK WERNER A

Author (Inventor): CARLSON BENGT A; BUCK WERNER A

Priority (Number,Kind,Date): US 84698 A 19980526; WO 99US9138 W 19990428

Applic (Number,Kind,Date): AU 9937662 A 19990428

IPC: * F16K-005/12

Derwent WPI Acc No: * G 2000-072651

Language of Document: English

United States of America (US)

Patent (Number,Kind,Date): US 6039304 A 20000321

BALL VALVE WITH MODIFIED CHARACTERISTICS (English)

Patent Assignee: BELIMO AIR CONTROL USA INC (US)

Author (Inventor): CARLSON BENGT A (US); BUCK WERNER A (US)

Priority (Number,Kind,Date): US 84698 A 19980526

Applic (Number,Kind,Date): US 84698 A 19980526

National Class: * 251209000; 251118000

IPC: * F16K-005/10

Derwent WPI Acc No: * G 2000-072651

Language of Document: English

United States of America (US) - Legal Status

Number	Type	Date	Code	Text	
US 6039304	P	19980526	US AE	APPLICATION DATA (PATENT)	(APPL. DATA (PATENT))
			US 84698 A	19980526	
US 6039304	P	20000321	US A	PATENT	
US 6039304	P	20001003	US RF	REISSUE APPLICATION FILED	(REISSUE APPL. FILED)
				20000817	

World Intellectual Property Organization, PCT (WO)

Patent (Number,Kind,Date): WO 9961823 A1 19991202
 BALL VALVE WITH MODIFIED CHARACTERISTICS (English)
 Patent Assignee: BELIMO AIR CONTROL USA INC (US); CARLSON BENGT A (US); BUCK WERNER A (US)
 Author (Inventor): CARLSON BENGT A (US); BUCK WERNER A (US)
 Priority (Number,Kind,Date): US 84698 A 19980526
 Applic (Number,Kind,Date): WO 99US9138 A 19990428
 Designated States: (National) AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; CA; CH; CN; CU; CZ; DE; DK; EE; ES; FI; GB; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MD; MG; MK; MN; MW; MX; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI; SK; SL; TJ; TM; TR; TT; UA; UG; US; UZ; VN; YU; ZW (Regional) GH; GM; KE; LS; MW; SD; SL; SZ; UG; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM; AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE; BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML; MR; NE; SN; TD; TG
 Filing Details: WO 100000 With international search report
 IPC: * F16K-005/12
 Derwent WPI Acc No: ; G 2000-072651
 Language of Document: English

World Intellectual Property Organization, PCT (WO) - Legal Status

Number	Type	Date	Code	Text	
WO 9961823	P	19980526	WO AA	PRIORITY (PATENT) US 84698 A 19980526	
WO 9961823	P	19990428	WO AE	APPLICATION DATA WO 99US9138 A 19990428	(APPL.DATA)
WO 9961823	P	19991202	WO AK	DESIGNATED STATES CITED IN A PUBLISHED APPLICATION WITH SEARCH REPORT	(DESIGNATED STATES CITED I PUBLISHED APP WITH SEARCH REPORT)
				AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW	
WO 9961823	P	19991202	WO AL	DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A PUBLISHED APPLICATION WITH SEARCH REPORT	(DESIGNATED COUNTRIES FOR REGIONALPATE CITED IN A PUBLISHED APP WITH SEARCH REPORT)
				GH GM KE LS MW SDSL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IEIT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG	
WO 9961823	P	19991202	WO A1	PUBLICATION OF THE INTERNATIONAL APPLICATION WITH THE INTERNATIONAL SEARCH REPORT	(PUB. OF THE INTERNATIONA APPL. WITH THE INTERNATIONA SEARCH REPORT
WO 9961823	P	20000126	WO 121	EP: PCT APP. ART. 158 (1)	(EP: PCT ANM. A 158 (1))
WO 9961823	P	20000316	WO DFPE	REQUEST FOR PRELIMINARY EXAMINATION FILED PRIOR TO EXPIRATION OF 19TH MONTH FROM PRIORITY DATE	

INPADOC/Family and Legal Status

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Dialog® File Number 345 Accession Number 15557329 WO 9961823_A1_19991202" **Basic Patent**
(Number,Kind,Date): WO 9961823 A1 19991202 "

LEXIS SEARCH RESULTS:

LEVEL 1 - 1 OF 1 PATENT

<6,039,304>

<<=2>> GET 1st DRAWING SHEET OF 3

Mar. 21, 2000

Ball valve with modified characteristics

REISSUE: Reissue Application filed Aug. 17, 2000 (O.G. Oct. 3, 2000) Ex. Gp.:
3753; Re. S.N. 09/641,101

CORE TERMS: valve, disk, ball, fluid, plug, port, seat, ring, passageway,
retaining...
>>>

[SEARCH STATEMENT]: 6,039,304 OR 6039304

Your search request has found no [law] CASES.

Your search request has found no [law journal] ITEMS.

Your search request has found no [current news] STORIES.

LEXIS SEARCH RESULTS:

LEVEL 1 - 1 OF 1 PATENT

<6,039,304>

<=> GET 1st DRAWING SHEET OF 3

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Your search request has found no [law] CASES.

Your search request has found no [law journal] ITEMS.

Your search request has found no [current news] STORIES.

QUESTEL SEARCH RESULTS:

Search statement 1: us6039304/pn

Term not in index/PN-CRXX : US6039304 [CLAIMS, REEXAMINATION INFORMATION]
Term not in index/PN-LITA : US6039304 [LITIGATION ALERT]

LGST	1	[LEGAL STATUS]
CRXX	0	
PAST	1	[PATENT STATUS]
LITA	0	

** SS 1 : Results 2

1/2 LGST (1/1) - (C) LEGSTAT

PN - US 6039304 [US6039304]
AP - US 84698/98 19980526 [1998US-0084698]
DT - US-P
ACT - 19980526 US/AE-A
APPLICATION DATA (PATENT)
{US 84698/98 19980526 [1998US-0084698]]
- 20000321 US/A
PATENT
- 20001003 US/RF
REISSUE APPLICATION FILED
20000817
UP - 2000-40

2/2 PAST (1/1) - (C) PAST

AN - 200040-000926
PN - 6039304 A [US6039304]
DT - A (UTILITY)
OG - 2000-10-03
CO - REA
ACT - REISSUE APPLICATION FILED
SH - REISSUE APPLICATION FILED